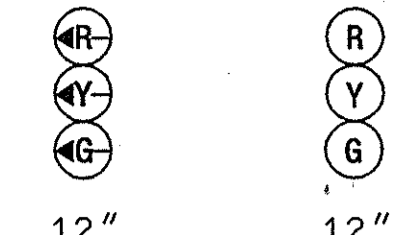
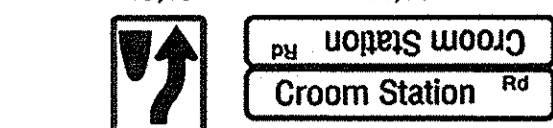
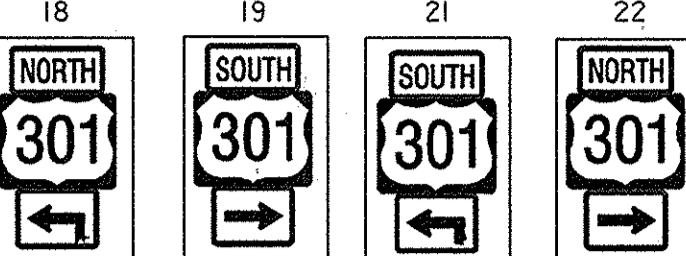
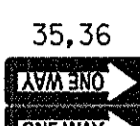


PROPOSED SIGNALS


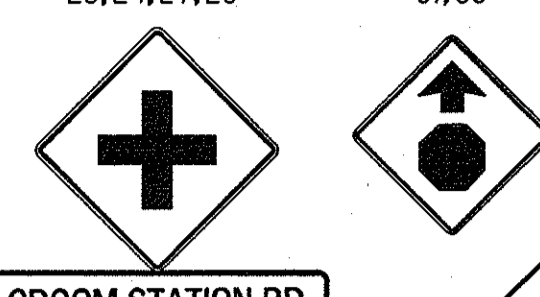
1,2,5,6 3,4,7,8,9,10,11,12

 12" 12"

PROPOSED VIDEO
 DETECTION CAMERA
 a,b,c,d

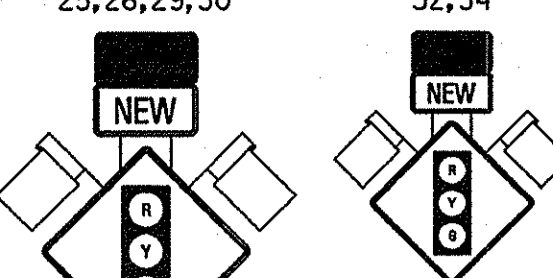

EXISTING SIGNS TO REMAIN

13,15 14,16

 18 19 21 22

 35,36


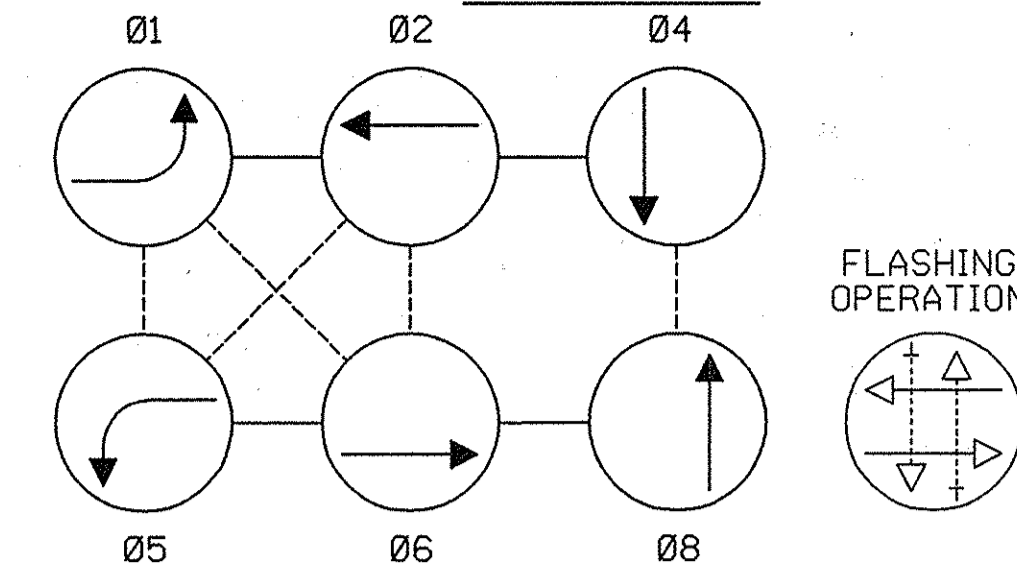
EXISTING SIGNS TO BE REMOVED

17,20

 23,24,27,28 31,33


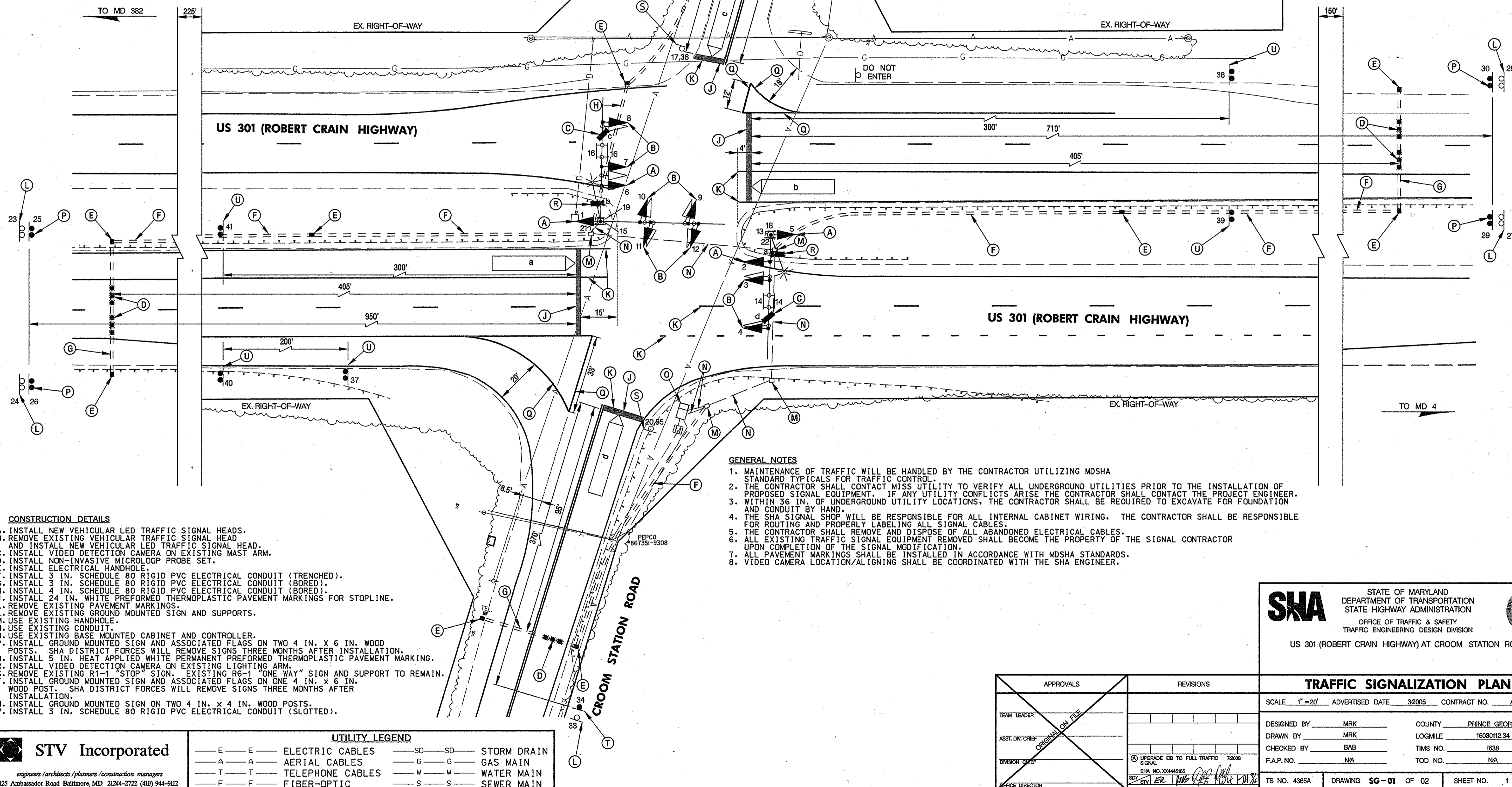
PROPOSED SIGNS

25,26,29,30 32,34 37

 Croom Station Rd
 D95-25 (30"x30")
 W3-3 (48"x48")
 D-3(2) (72"x16")
 R5-1 (36"x36")
 R5-1a (36"x24")
 38,39,40,41


NEMA PHASING



NOTE:
 PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
 PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

- INSTALL NEW VEHICULAR LED TRAFFIC SIGNAL HEADS.
- REMOVE EXISTING VEHICULAR TRAFFIC SIGNAL HEAD AND INSTALL NEW VEHICULAR LED TRAFFIC SIGNAL HEAD.
- INSTALL VIDEO DETECTION CAMERA ON EXISTING MAST ARM.
- INSTALL NON-INVASIVE MICROLOOP PROBE SET.
- INSTALL ELECTRICAL HANDHOLE.
- INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED).
- INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (BORED).
- INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (BORED).
- INSTALL 24 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKINGS FOR STOPLINE.
- REMOVE EXISTING PAVEMENT MARKINGS.
- REMOVE EXISTING GROUND MOUNTED SIGN AND SUPPORTS.
- USE EXISTING HANDHOLE.
- USE EXISTING CONDUIT.
- USE EXISTING BASE MOUNTED CABINET AND CONTROLLER.
- INSTALL GROUND MOUNTED SIGN AND ASSOCIATED FLAGS ON TWO 4 IN. X 6 IN. WOOD POSTS. SHA DISTRICT FORCES WILL REMOVE SIGNS THREE MONTHS AFTER INSTALLATION.
- INSTALL 5 IN. HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING.
- INSTALL VIDEO DETECTION CAMERA ON EXISTING LIGHTING ARM.
- REMOVE EXISTING R1-1 "STOP" SIGN. EXISTING R6-1 "ONE WAY" SIGN AND SUPPORT TO REMAIN.
- INSTALL GROUND MOUNTED SIGN AND ASSOCIATED FLAGS ON ONE 4 IN. X 6 IN. WOOD POST. SHA DISTRICT FORCES WILL REMOVE SIGNS THREE MONTHS AFTER INSTALLATION.
- INSTALL GROUND MOUNTED SIGN ON TWO 4 IN. X 4 IN. WOOD POSTS.
- INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (SLOTTED).

UTILITY LEGEND

E — E — ELECTRIC CABLES SD — SD — STORM DRAIN
 A — A — AERIAL CABLES G — G — GAS MAIN
 T — T — TELEPHONE CABLES W — W — WATER MAIN
 F — F — FIBER-OPTIC S — S — SEWER MAIN

GENERAL NOTES

- MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING MDSA STANDARD TYPICALS FOR TRAFFIC CONTROL.
- THE CONTRACTOR SHALL CONTACT MISS UTILITY TO VERIFY ALL UNDERGROUND UTILITIES PRIOR TO THE INSTALLATION OF PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
- WITHIN 36 IN. OF UNDERGROUND UTILITY LOCATIONS, THE CONTRACTOR SHALL BE REQUIRED TO EXCAVATE FOR FOUNDATION AND CONDUIT BY HAND.
- THE SHA SIGNAL SHOP WILL BE RESPONSIBLE FOR ALL INTERNAL CABINET WIRING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ROUTING AND PROPERLY LABELING ALL SIGNAL CABLES.
- THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ABANDONED ELECTRICAL CABLES.
- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATION.
- ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MDSA STANDARDS.
- VIDEO CAMERA LOCATION/ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.

SHA STATE OF MARYLAND
 DEPARTMENT OF TRANSPORTATION
 STATE HIGHWAY ADMINISTRATION
 OFFICE OF TRAFFIC & SAFETY
 TRAFFIC ENGINEERING DESIGN DIVISION
 US 301 (ROBERT CRAIN HIGHWAY) AT CROOM STATION ROAD

APPROVALS		REVISIONS		TRAFFIC SIGNALIZATION PLAN	
<div>TEAM LEADER</div> <div>ASST. DIR. CHIEF</div> <div>DIVISION CHIEF</div> <div>OFFICE DIRECTOR</div>	<div>ORIGINAL ON FILE</div>			SCALE 1"=20'	ADVERTISED DATE 3/2005 CONTRACT NO. AT7185185
				DESIGNED BY MRK	COUNTY PRINCE GEORGE'S
				DRAWN BY MRK	LOGMILE 16030112.34
				CHECKED BY BAB	TIMS NO. 1638
				F.A.P. NO. N/A	TOD NO. N/A
				TS NO. 4365A	DRAWING 5G-01 OF 02

PLOTTED: Thursday, July 21, 2006 AT 11:40 AM
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